

COVID-19 Dashboard

19 August 2020



Internal and key client use only

Summary

- **COVID-19:** The total number of recorded cases globally is circa 22.2 million, with 781k reported deaths according to Johns Hopkins University & Medicine.
- **Equities:** In Europe, the STOXX 600, DAX and CAC 40 are all up +0.2% over the morning, while the FTSE 250 is down -0.3%. In the US, the S&P 500 closed at a record high yesterday and is currently up +5% over the year to date. In Asia, the S&P / ASX 200 (+0.7%), the Kospi (+0.5%) and the Topix (+0.2%) all closed higher, while the Hang Seng (-0.7%) and the CSI 300 (-1.5%) closed lower.
- **VIX:** The CBOE market volatility index and the Euro Stoxx 50 volatility price index have both increased over the morning, up +0.4% and +2.2% to 21.6 and 23.3, respectively. The European investor fear gauge remains below the long term average (LTA) of 23.9, while the US VIX is elevated compared to its LTA of 19.9.
- **Bonds:** The US 10-year treasury yield and the UK 10-year gilt yield have both compressed -2bps to 0.65% and 0.20%, while the German 10-year bund yield has declined -3bps to -0.48%.
- **Currency:** Sterling and the euro remain steady at \$1.32 and \$1.19, respectively. Hedging benefits for US dollar denominated investors into the UK and the eurozone are 0.28% and 1.10% per annum on a five-year basis.
- **Baltic Dry:** The Baltic Dry index decreased for the first time in 15 sessions yesterday, down -0.8% to 1,586. However, the index is +46% above where it was in January.
- **Oil:** Brent Crude and the West Texas Intermediate (WTI) are currently \$45.12 and \$42.81 per barrel.
- **Gold:** The price of gold appreciated +1.0% yesterday to back above \$2,000 at \$2,004 per troy ounce, albeit this is still -3% below the record high of \$2,063 reached on 6th August.
- **UK Inflation:** The inflation rate has increased from 0.6% year-on-year in June, to 1.0% in July, above market expectations of 0.6%. However, inflation remains well below the Bank of England's 2% target. The largest contribution to this was from the recreation and culture sector, with rising prices at the petrol pump, as well as price increases for clothing, furniture and household goods. Prices in July were offset by the declining cost of food.

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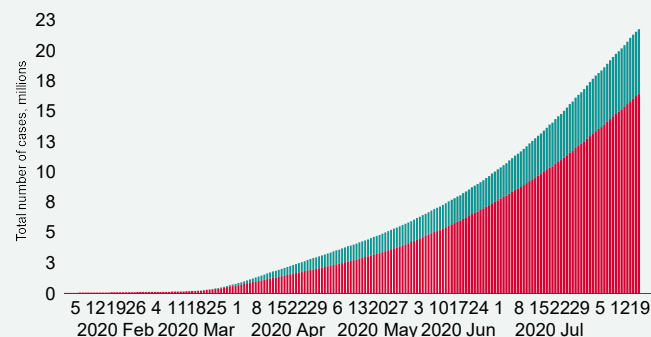


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COVID-19

Cumulative number of global cases

■ World excl US ■ US

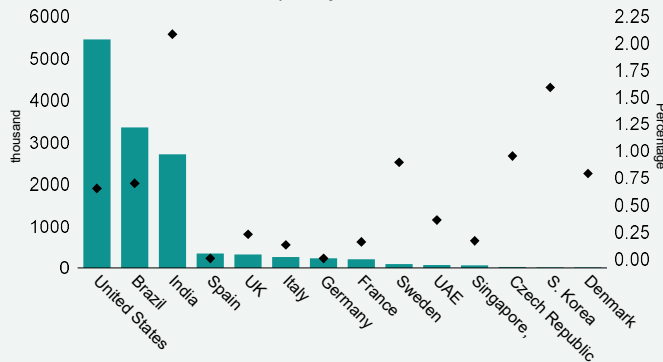


Source: Knight Frank, Macrobond. Last modified: 18 August 2020 11:00 GMT.

The number of total confirmed cases reached 21.8 million on the 18 August, an increase of 206k new cases over the day prior.

Cumulative number of cases by country

■ Number of total cases, lhs ◆ Last day change, rhs

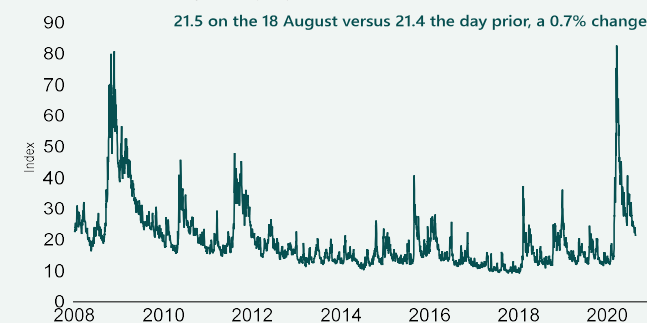


Source: Knight Frank, Macrobond. Last modified: 18 August 2020 00:00 GMT

The chart presents the number of cumulative cases (left axis) and the percentage change of new cases against the day before (right axis).

Volatility Index

—US, S&P 500 Volatility Index (VIX)



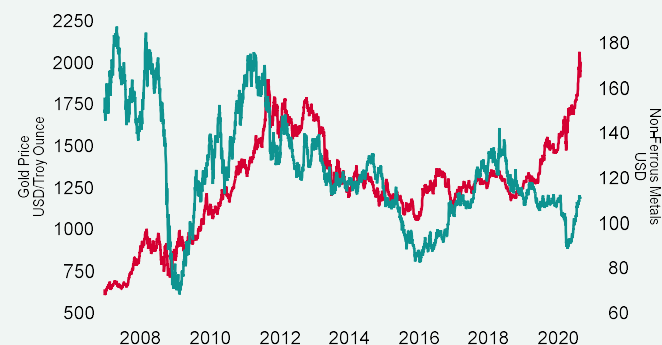
Source: Knight Frank, Macrobond. Last modified: 19 August 2020 03:15 GMT.

The CBOE VIX (colloquially known as the Investor fear gauge) is an indication of near term S&P 500 stock price volatility based on underlying options.

Commodities

Gold and non-ferrous metals price, USD

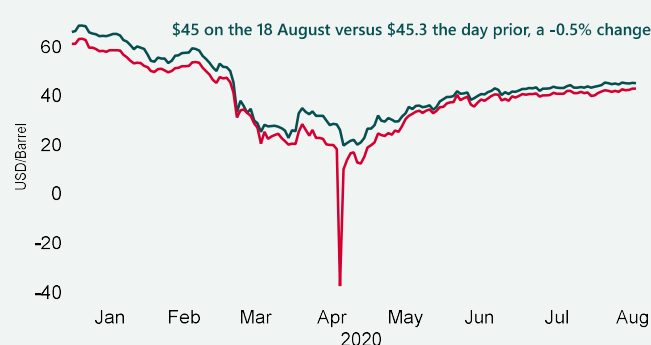
—Gold, USD, lhs —Non-Ferrous Metals Index, USD, rhs



Source: Knight Frank, Macrobond. Last modified: 19 August 2020 00:00 GMT.

Brent Crude and West Texas Intermediate oil price

—Brent Crude —West Texas Intermediate (WTI)

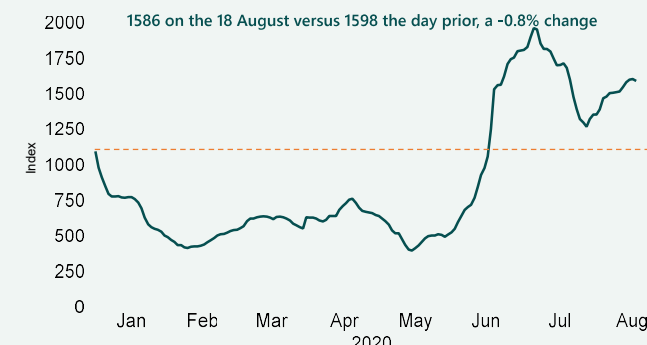


Source: Knight Frank, Macrobond. Last modified: 19 August 2020 01:30 GMT.

Brent crude monitors the level of demand for raw materials and is a measure of economic activity. Lately also influenced by Saudi-Russia price war.

Baltic Dry Index (BDI)

—World, Baltic Exchange, Shipping, Dry Index (BDI), USD



Source: Knight Frank, Macrobond. Last modified: 18 August 2020 13:30 GMT.

Baltic Dry Index is a measure of what it costs to ship raw materials and is a leading indicator of global demand. A lower value means lower demand.

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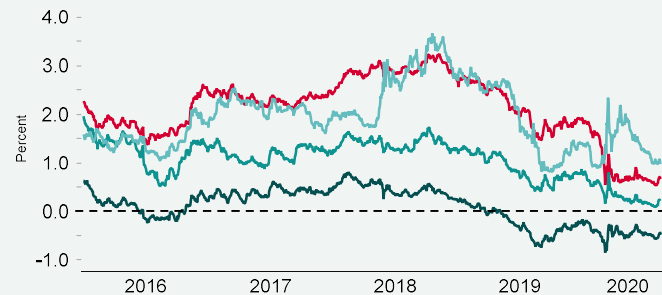


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Bonds and currencies

10y Government Bond Yield (%)

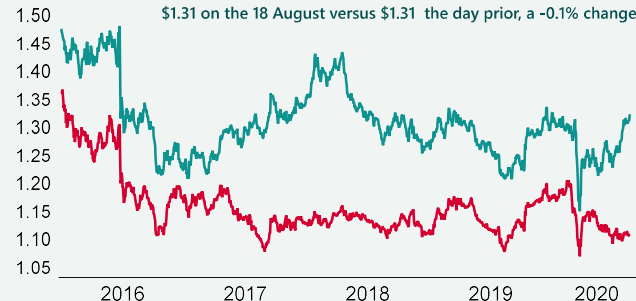
—US —UK —Germany —Italy



	18 Aug	1 d ago	1st Jan
Germany	-0.48	-0.44	-0.19
Italy	1.00	0.99	1.40
UK	0.22	0.22	0.82
US	0.67	0.69	1.92

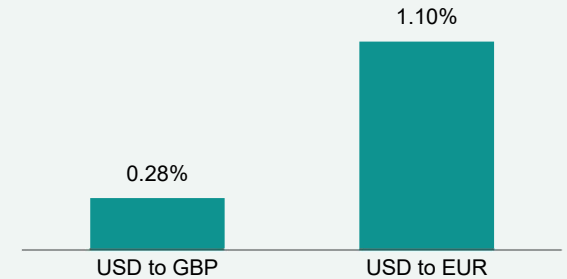
FX Spot Rates

—EUR per GBP —USD per GBP



	18 Aug	1 d ago	1st Jan
EUR per GBP	1.10	1.11	1.18
USD per GBP	1.31	1.31	1.32

Currency hedging benefit p.a. based on a five year forward

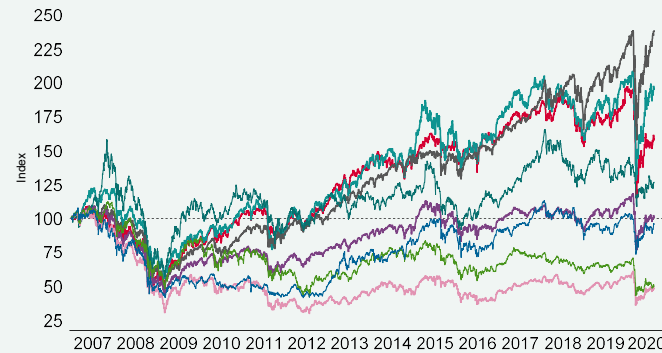


Source: Knight Frank, Investing.com
Approximate additional return per annum that dollar denominated investors may obtain based on five year currency hedge.

Equity and REIT

Equity performance: since previous cycle (1st Jan 2007 = 100)

—FTSE 250 —DAX —S&P 500 —STOXX 600 —Hang Seng —MIB —IBEX 35 —TOPIX

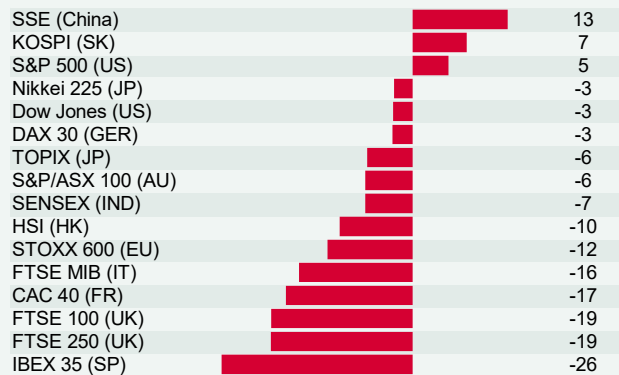


Source: Knight Frank, Macrobond. Last modified: 18 August 2020 19:05 GMT.

The chart presents the performance of selected equity indexes since the months prior to the global financial crisis (2007).

Equity performance: YTD (%)

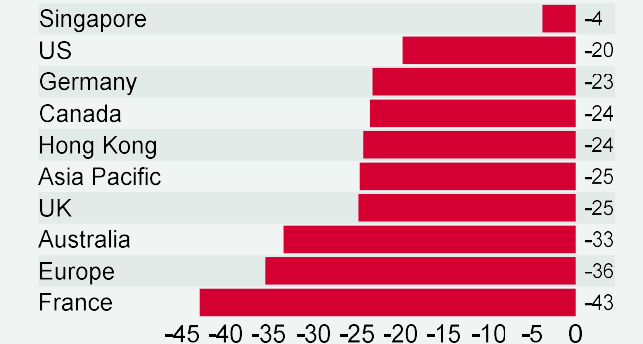
Local currencies



Source: Knight Frank, Macrobond

REIT performance: YTD (%)

Local currencies



Source: Knight Frank, Macrobond

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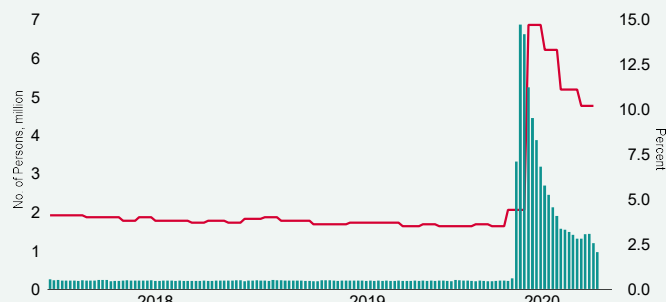


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US indicators

US Unemployment

— Monthly Unemployment Rate, rhs — New Weekly Jobless Claims, lhs



Source: Knight Frank, Macrobond. Last data for the week commencing the 3 August.

The chart presents the number of Americans that each week file for unemployment benefits (left axis) and the overall monthly unemployment rate (right axis)

2020 Presidential Winner (probability of winning, %)

— Trump — Biden



Source: Knight Frank, Macrobond. Last modified: 19 August 2020 07:00 GMT.

	19 Aug	1 week ago	1 month ago
Trump	45%	43%	39%
Biden	57%	59%	61%

Fiscal policy

Fiscal measures details

UK	£330bn+ : Government backed loans and guarantees equivalent to 15% of UK GDP. SMEs given access to cash grants. Support for furloughed employees of 80% salary ≤£2,500 per month. Furlough scheme extended until October 2020 with employers sharing the cost from August. Taxable grant for self-employed <£50k trading profit, worth 80% of monthly profits up to £2.5k, paid as a lump sum.
USA	\$3.0tn : 2 nd package passed 23 rd April, worth \$483 billion, increasing US stimulus to \$3 trillion (15% GDP).
EU	€1.35tn : This includes €240bn to the European Stability Mechanism, and €200bn in EIB guarantees. On 4 th June, the ECB extended the pandemic purchase programme (PEPP) until June 2021, purchasing an additional €600bn in bonds, taking total stimulus to €1.35tn. €750bn : a new recovery package for EU member states announced in July including €390bn in grants and €360 in interest free loans.
Germany	€880bn : The emergency aid measure approved on Monday 23 rd of March. In June an additional €130bn fiscal stimulus programme including VAT rate cut to 16% from 19% and one off 'children's bonus' payment.
Italy	€400bn : The stimulus announced on the 7 th April €25bn : Emergency package to support businesses and families.
France	€45bn : The aid package for SMEs and other hard-hit sectors announced by the French government on 17 th of March. Includes deferred corporate tax, social security charges and two months state payments to laid off workers. €300bn : government backed loans.
Spain	€200bn : the aid package includes government loan guarantees to ensure liquidity for SMEs (the government said it would provide businesses with "all the liquidity they need"), other government commitments and private money.
Japan	\$2.2tn : Further stimulus announced in late May added \$1.1 trillion to the country's stimulus package, bringing total stimulus to \$2.18 trillion or 40% of GDP.
Hong Kong	HK\$10k for every adult citizen (c.£7bn).

Source: Knight Frank, various sources

Monetary policy

Central Banks Policy Rates

	Current Rate	Rate at 1/1/2020	YTD Change
Advanced Economies			
Australia	0.25%	0.75%	-50 bps
Canada	0.25%	1.75%	-150 bps
Euro Area	0.00%	0.00%	0 bps
France	0.00%	0.00%	0 bps
Germany	0.00%	0.00%	0 bps
Italy	0.00%	0.00%	0 bps
Sweden	0.00%	-0.25%	25 bps
Japan	-0.10%	-0.10%	0 bps
United Kingdom	0.10%	0.75%	-65 bps
United States	0.25%	1.75%	-150 bps
Developing Economies			
Brazil	2.00%	4.50%	-250 bps
China	4.35%	4.35%	0 bps
India	4.00%	5.15%	-115 bps
Mexico	4.50%	7.25%	-275 bps
Russia	4.25%	6.25%	-200 bps
Saudi Arabia	1.00%	2.25%	-125 bps
South Korea	0.50%	1.25%	-75 bps
Turkey	8.25%	12.00%	-375 bps

Central Bank Assets Purchasing Programme

	Lastest (\$)	MoM (%)	YoY (%)
Advanced Economies			
Australia	199 bn	1.5%	74.5%
Canada	405 bn	4.8%	351.0%
Euro Area	7.56 tn	5.2%	44.8%
France	1.78 tn	15.4%	40.7%
Germany	2.68 tn	7.5%	37.3%
Italy	1.49 tn	7.3%	33.1%
Sweden	144 bn	6.0%	52.3%
Japan	6.31 tn	3.4%	16.7%
United Kingdom	783 bn	-0.1%	-1.5%
United States	6.96 tn	0.2%	83.8%
Developing Economies			
Brazil	571 bn	7.9%	3.9%
China	5.11 tn	-0.6%	-1.7%
India	377 bn	6.1%	31.3%
Mexico	218 bn	3.7%	13.2%
Russia	650 bn	2.9%	3.1%
Saudi Arabia	481 bn	2.9%	-7.8%
South Korea	471 bn	5.9%	8.2%
Turkey	102 bn	-5.2%	-4.3%

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Timeline of Covid-19 containment measures and their stringency



This chart shows the change in severity of containment measures over time, up to the latest data. Green indicates a score of zero or no restrictions, while the darkest red indicates the highest restrictions or complete bans. Where grey, no new data is available.

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Source: Knight Frank, various sources

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Overview of the severity of Covid-19 and the resulting containment measures

	Confirmed Cases	Confirmed Deaths	Lockdown Index	Internal Movement	Public Events	Public Transport	Workplace	Schools	International Travel
Europe									
Italy	254,235	35,400	48						
France	219,029	30,429	44						
Poland	57,279	1,885	40						
Portugal	54,234	1,779	65						
Germany	224,014	9,232	57						
Russia	927,745	15,740	63						
United Kingdom	319,197	41,369	65						
Spain	359,082	28,646	64						
Norway	10,004	261	34						
Belgium	78,441	9,944	56						
Bulgaria	14,500	512	42						
Greece	7,222	230	46						
Denmark	15,740	621	56						
Switzerland	38,156	1,715	45						
Ukraine	94,436	2,116	54						
Finland	7,752	334	38						
Czech Republic	20,202	399	36						
Netherlands	63,424	6,163	40						
Sweden	85,045	5,787	37						
Americas									
Colombia	476,660	15,372	87						
Canada	122,872	9,032	67						
Argentina	294,556	5,750	88						
United States	5,438,325	170,497	69						
Venezuela	34,802	288	86						
Mexico	525,733	57,023	71						
Brazil	3,359,570	108,536	73						
Peru	541,493	26,481	81						
Africa Middle East									
Kenya	30,365	482	73						
South Africa	589,886	11,962	81						
Qatar	115,368	193	78						
United Arab Emirates	64,541	364	50						
Turkey	250,542	5,996	48						
Israel	95,129	692	34						
Iran	345,450	19,804	63						
Iraq	180,133	5,954	93						
Jordan	1,398	11	56						
Tunisia	2,185	56	24						
Morocco	43,558	658	70						
Egypt	96,590	5,173	57						
Asia Pacific									
Hong Kong	4,524	69	67						
Singapore	55,838	27	52						
Japan	55,958	1,114	31						
Indonesia	141,370	6,207	63						
Taiwan	445	7	19						
South Korea	15,761	306	50						
China	89,441	4,703	82						
Philippines	164,474	2,681	80						
India	2,702,742	51,797	80						
Vietnam	983	25	74						
Australia	23,599	421	79						
New Zealand	1,293	22	69						
Thailand	3,378	58	49						
Malaysia	9,212	125	57						
Lockdown Index key & Scale									
No Restrictions: 0 – 25									
Recommended Restrictions: 26 – 50									
Enforced Restrictions: 51 – 75									
Highest Restrictions / Ban: 76 – 100									
Internal movements									
No measure	No Measure	No measure	0						
Recommended	Recommended	Recommended	1						
Restriction	Required	Required	2						
Public events									
No measure	No Measure	No measure	0						
Recommended	Recommended	Recommended	1						
Restriction	Required	Required	2						
Public transport									
No measure	No Measure	No measure	0						
Recommended	Recommended	Recommended	1						
Restriction	Required	Required	2						
Workplace									
No measure	No measure	No measure	0						
Recommended	Recommended	Recommended	1						
Required closure of some sectors	Some level of schooling required to close	2							
Required closure for all but essential work	All schools required to close	3							
Schools									
No measure	No measure	No measure	0						
Recommended	Recommended	Recommended	1						
Required closure of some sectors	Some level of schooling required to close	2							
Required closure for all but essential work	All schools required to close	3							
International travel									
No measure	No measure	No measure	0						
Screening	Screening	1							
Quarantine arrivals from high risk regions	Quarantine arrivals from high risk regions	2							
Ban on high risk regions	Ban on high risk regions	3							
Total border closure	Total border closure	4							

In line with some of the fewest reported cases and the smallest reported deaths attributed to COVID-19, Taiwan has the lowest 'lockdown index' score at 19, indicating the restrictions in place are generally recommendations and are not enforced. Countries including Iraq, Argentina and Colombia have some of the highest 'lockdown index' scores.

For most countries, public transport has the most relaxed restrictions. Taiwan, Tunisia, Norway, Poland, Netherlands and Greece are the only countries with no measures implemented on public events. Meanwhile, across the world, there is some measure of restriction on international travel. However, France is the exception, where international travel is freely permitted with no measures implemented.

Source: Knight Frank, Macrobond, Oxford University, Last Updated: 19/08/2020

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